

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/716095A
Source: 1EW
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 PATENT APPLICATION: US/10/716,095A

DATE: 05/12/2005
 TIME: 10:41:16

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3 <110> APPLICANT: KACZMAREK, ALEXANDRA
 4 KOPETZKI, ERHARD
 5 SCHANTZ, CHRISTIAN
 6 SEEBER, STEFAN
 8 <120> TITLE OF INVENTION: METHODS FOR THE RECOMBINANT PRODUCTION OF ANTIFUSOGENIC
 9 PEPTIDES
 11 <130> FILE REFERENCE: 21489 US
 13 <140> CURRENT APPLICATION NUMBER: 10/716,095A
 14 <141> CURRENT FILING DATE: 2003-11-18
 16 <150> PRIOR APPLICATION NUMBER: EP 02025618.6
 17 <151> PRIOR FILING DATE: 2002-11-19
 19 <150> PRIOR APPLICATION NUMBER: EP 03000988.0
 20 <151> PRIOR FILING DATE: 2003-01-17
 22 <160> NUMBER OF SEQ ID NOS: 14
 24 <170> SOFTWARE: PatentIn Ver. 3.3
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 39
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Human immunodeficiency virus type 1
 31 <400> SEQUENCE: 1
 32 Trp Gln Glu Trp Glu Gln Lys Ile Thr Ala Leu Leu Glu Gln Ala Gln
 33 1 5 10 15
 35 Ile Gln Gln Glu Lys Asn Glu Tyr Glu Leu Gln Lys Leu Asp Lys Trp
 36 20 25 30
 38 Ala Ser Leu Trp Glu Trp Phe
 39 35
 42 <210> SEQ ID NO: 2
 43 <211> LENGTH: 36
 44 <212> TYPE: PRT
 45 <213> ORGANISM: Human immunodeficiency virus type 1
 47 <400> SEQUENCE: 2
 48 Tyr Thr Ser Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln
 49 1 5 10 15
 51 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
 52 20 25 30
 54 Trp Asn Trp Phe
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 58 <210> SEQ ID NO: 3
 59 <211> LENGTH: 35
 60 <212> TYPE: PRT
 61 <213> ORGANISM: Respiratory syncytial virus
 63 <400> SEQUENCE: 3
 64 Phe Asp Ala Ser Ile Ser Gln Val Asn Glu Lys Ile Asn Gln Ser Leu

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65 1 5 10 15
67 Ala Phe Ile Arg Lys Ser Asp Glu Leu Leu His Asn Val Asn Ala Gly
68 20 25 30
70 Lys Ser Thr
71 35
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75 <211> LENGTH: 35
76 <212> TYPE: PRT
77 <213> ORGANISM: Measles virus
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80 Leu His Arg Ile Asp Leu Gly Pro Pro Ile Ser Leu Glu Arg Leu Asp
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83 Val Gly Thr Asn Leu Gly Asn Ala Ile Ala Lys Leu Glu Asp Ala Lys
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86 Glu Leu Leu
87 35
90 <210> SEQ ID NO: 5
91 <211> LENGTH: 13
92 <212> TYPE: PRT
93 <213> ORGANISM: Homo sapiens
95 <400> SEQUENCE: 5
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97 1 5 10
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101 <211> LENGTH: 13
102 <212> TYPE: PRT
103 <213> ORGANISM: Homo sapiens
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111 <211> LENGTH: 18
112 <212> TYPE: PRT
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115 <400> SEQUENCE: 7
116 Met Ser Asp Leu Pro Gln Thr His His His His His Ser Leu Gly
117 1 5 10 15
119 Ser Arg
123 <210> SEQ ID NO: 8
124 <211> LENGTH: 5
125 <212> TYPE: PRT
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
130 peptide
132 <400> SEQUENCE: 8
133 Asp Asp Asp Asp Lys
134 1 5
137 <210> SEQ ID NO: 9

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138 <211> LENGTH: 4
139 <212> TYPE: PRT
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
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148 1
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156 <220> FEATURE:
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161 Gly Pro Arg
162 1
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176 1 5
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181 <212> TYPE: DNA
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184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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188 <400> SEQUENCE: 12
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193 <211> LENGTH: 36
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
199 primer
201 <400> SEQUENCE: 13
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205 <210> SEQ ID NO: 14
206 <211> LENGTH: 6

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Input Set : A:\21489us.app

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208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
212 6xHis tag
214 <400> SEQUENCE: 14
215 His His His His His His
216 1 5

VERIFICATION SUMMARY

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